

## ABSTRACT OF THE DISCLOSURE

A power line communication device for a vehicle detects a communication signal received through a power line and extracts incoming data composed of a digital signal. The device dulls a waveform of the digital signal of the incoming data by use of a resistor and a capacitor, and  
5 thereby converts the incoming data into an analog signal. Thereafter, the device converts the analog signal into a digital signal by use of an inverter circuit based on a given threshold level, and thereby subjects the incoming data to waveform shaping.

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